

WHAT IS CLAIMED IS:

1. A method for processing information on nucleotide sequence comprising steps of:

(a) receiving requested information for an object and/or service;

(b) obtaining positional information in accordance with the requested information from a memory having positional information representing a position in a nucleotide sequence memorized therein and transmitting the obtained positional information;

(c) receiving, from among nucleotide sequence-related information associated with positional information, nucleotide sequence-related information corresponding to the positional information transmitted in step (b) and then obtaining semantic information implied by the received nucleotide sequence-related information and/or information associated with the semantic information; and

(d) transmitting the semantic information and/or information associated with the semantic information obtained in step (c) in association with the positional information corresponding thereto to the party to which the positional information had been transmitted in step (b).

2. A method for processing information on nucleotide sequence comprising steps of:

(a) receiving nucleotide sequence-related information associated with positional information representing a position in a nucleotide sequence in accordance with requested information for an object and/or service;

(b) obtaining semantic information implied by the nucleotide sequence-related information received in step (a) and/or information associated with the semantic information; and

(c) transmitting the semantic information and/or information associated with the semantic information obtained in step (b) in association with the positional information

corresponding thereto to at least one party selected from the group consisting of the party that had transmitted nucleotide sequence-related information in step (a), the party that had transmitted the requested information, and the party that utilizes the semantic information and/or information associated with the semantic information.

3. A method for processing information on nucleotide sequence comprising steps of:

(a) receiving positional information representing a position in a nucleotide sequence in accordance with a request for an object and/or service;

(b) obtaining, from among a plurality of pieces of nucleotide sequence-related information associated with positional information, nucleotide sequence-related information associated with positional information corresponding to the positional information received in step (a) ;

(c) transmitting the nucleotide sequence-related information obtained in step (b);
and

(d) receiving semantic information implied by the nucleotide sequence-related information transmitted in step (c) and/or information associated with the semantic information in association with the positional information corresponding thereto.

4. The method for processing information according to claim 3, which further comprises step (e) of determining whether or not there is consistency between the positional information received in step (d) and the positional information related to the nucleotide sequence-related information transmitted in step (c).

5. The method for processing information according to claim 4, wherein step (e) comprises alerting the party that had received the nucleotide sequence-related information transmitted in step (c) when there is no consistency between the positional information received in step (d) and the positional information associated with the nucleotide sequence-related information transmitted in step (c).

6. The method for processing information according to claim 4, wherein step (e) comprises disclosing the information concerning the party that had received the nucleotide sequence-related information transmitted in step (c) to a third party when there is no consistency between the positional information received in step (d) and the positional information associated with the nucleotide sequence-related information transmitted in step (c).